

Auger Filling Machine



AF-1 pictured with option weight scale station and bulk loader

Key Features:

- HMI touch screen with 30 programmable memories and help menu's
- Servo driven variable speed agitator system
- 5 Gallon (20 L) sanitary stainless steel quick disconnect hopper
- Sanitary stainless steel NEMA 4 electrical enclosure and IP68 controls
- Adjustable fill nozzle height container support platform
- Heavy Duty Base with adjustable leveling pads
- Sanitary stainless steel contact parts
- Can be disassembled and cleaned in minutes
- Fully adjustable fill range
- Total containers filled counter
- Tooling for your designated product and container

Options:

- Additional filling stations
- Sanitary wash down conveyor systems
- Heavy duty stainless steel bulk loading system
- Weight scale (Semi-automatic)
- Custom filling dispenser for flock powders
- Dust Arrestor
- Casters

The AF-1 is a precision Auger filler for food, pharmaceutical, chemical, cosmetic, and household products.

The AF-1 Servo series of auger fillers excel in ruggedness, fill accuracy and versatility. Heavy-Duty, rear reduced auger and agitator drive systems make the AF-1 capable of handling a broad range of product including powders, granules, pastes, creams, liquids and slurries. This simple filler design provides for easy clean-up, maintenance and rapid changeover and its touch screen controls make setup a snap.

The Accutek AF-1 Servo drive Auger Filler revolutionizes traditional auger filler design for accurate, repeatable filling of powders, granular materials, and liquid products. Employing technologies first developed for the high-tech machine automation industries, the AF-1 utilizes a brushless, direct drive servomotor and state of the art motion control electronics to control the auger. Sophisticated feedback calculated by the PLC based control system provides remarkable filling accuracies.

The advanced design of the AF-1 reduces maintenance by eliminating traditional mechanical components encountered in most auger fillers, such as clutch/brake, belt drive, pulley, etc. The servo drive of the AF-1 consists of a high performance, permanent magnet, synchronous servo motor and motion control electronics package. The motor output shaft is coupled in-line with the auger shaft for direct power transmission to the auger.

Materials the Machine is composed of.

The AF-1 is made of 316 Sanitary Stainless Steel, other non contact parts are made of either aluminum, plastic, or stainless steel.

Materials the Contact Parts are composed of.

The auger and nozzle are composed of Sanitary 316 Stainless Steel.

Recommended Products:

Sugar, Flour, Salt, Pepper, Spices, Seeds, Coffee Grounds, Coffee Beans, Small Candies, Unshelled Peanuts, granuals, powders, and other similar dry products.



Dimensions:

Height: 60" (152.4 cm)

Length: 36" (91.44 cm)

Depth: 36" (91.44 cm)

Weight:

Approx. 300 lbs (136 kg)

Product Filling Speed:

Up to 20 CPM¹

Fill Size:

0.5 grams - 2 kg

Product Range:

Powders, Granules, and Pastes

Electrical:

220 Single Phase
